



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re application of: Calder et al.

Attorney Docket No.: SUN1P123/P2167

Application No.: 08/831,845

Examiner: Bullock Jr., L

Filed: April 1, 1997

Group: 2151

Title: METHOD AND APPARATUS FOR  
DISCOVERING AND ACTIVATING  
SOFTWARE COMPONENTS

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Assistant Commissioner for Patents, Washington, DC 20231 on February 24, 2003.

Signed:

*Natalie Morgan*  
Natalie Morgan

**RESPONSE TO OFFICE ACTION**

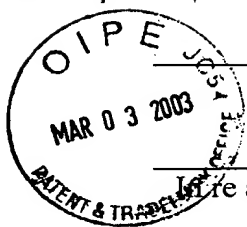
Commissioner for Patents  
Washington, D.C. 20231

Please consider the following remarks provided in response to the Office Action dated November 22, 2002.

**IN THE CLAIMS**

Please enter the amendments provided below. A marked-up version of the claims has been provided in Appendix A. A clean version of the claims has been provided in Appendix B. The appendix pages may be treated as substitute pages for the pages of claims in the present application.

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FIG  
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1. (Amended) A computer-implemented framework for associating data with a command object, the command object being arranged to operate on the data, wherein the data is associated with an application, the computer-implemented framework comprising:  
a data handler mechanism arranged as a generic interface with the application, wherein the generic interface allows use of new command objects without modifying the application;



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PATENT

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*Natalie Morgan*

Natalie Morgan

**AMENDMENT TRANSMITTAL**

Commissioner for Patents  
Washington, DC 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	27	MINUS	27	00	x 9 =	x 18 = 0
Independent Claims	04	MINUS	04	00	x 42 =	x 84 = 0
Multiple Dependent Claim Present and Fee Not Previously Paid					\$140.00	\$280.00
Total					\$	\$0

- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 500388.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 500388 (Order No. SUN1P123).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

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